

## CLAIMS

- 5 1. An image system comprising:
- (a) an imaging device that at least one of obtains and presents at least one image;
- (b) an eye gaze system associated with said imaging device that determines a non-closed loop portion of said at least one image that an eye of a viewer observes; and
- 10 (c) said image system associating said at least one image with said non-closed loop portion of said at least one image.
- 15 2. The image system of claim 1 wherein said imaging device is at least one of a film based still camera, a film based video camera, a digital based still camera, and a digital based video camera.
- 20 3. The imaging system of claim 1 wherein said imaging device presents said at least one image to said user at a time subsequent to recording said image.
- 25 4. The imaging system of claim 1 wherein said eye gaze system is integral with said imaging device.
- 30 5. The imaging system of claim 1 wherein said non-closed loop portion is within said at least one image.
- 35 6. The imaging system of claim 1 wherein said non-closed loop portion is a point within said at least one image.
7. The imaging system of claim 1 wherein said non-closed loop portion is a region of said image.

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8. The imaging system of claim 1 wherein said image system associating is storing said non-closed loop portion on a recording media of said imaging device.

5 A 9. The imaging system of claim 1 wherein said non-closed loop portion is used <sup>is</sup> at the basis to define a closed-loop portion of said at least one image.

10 10. The imaging system of claim 1 wherein said at least one image is said obtained substantially contemporaneously with said non-closed loop portion.

15 11. The imaging system of claim 1 further comprising an image processor that identifies the content of said at least one image based on the content of the image together with said non-closed loop portion.

5.5 A2> 12. An image system comprising:

- 20 (a) an image processor which analyzes an image based at least in part on said image itself together with data representative of gaze information to determine the content of said image, where said gaze information is a non-closed loop portion of said image that an eye of a viewer observes; and
- 25 (b) said image system associating said content with said image.

30 13. The image system of claim 12 wherein said gaze information is transformed into a closed loop portion of said image and said image processor analyzes said image based at least in part on said image itself together with said closed loop portion to determine the

35 content of said image.

14. The imaging system of claim 12 wherein said non-closed loop portion is within said at least one image.

5 15. The imaging system of claim 12 wherein said non-closed loop portion is a point within said at least one image.

10 16. The imaging system of claim 12 wherein said non-closed loop portion is a region of said image.

15 17. The imaging system of claim 12 wherein said image processor includes at least one of shape identification, texture identification, color identification, and spatial identification.

18. The imaging system of claim 12 further comprising storing said content in a database.

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